Oval Pad ZP Series
Mounting Bracket Assembly

Adapter Assembly: Vacuum Inlet Direction Vertical T Type/ZPT

<table>
<thead>
<tr>
<th>Product part no.</th>
<th>Symbol</th>
<th>Pad size symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2004</td>
</tr>
<tr>
<td>Adapter</td>
<td>A</td>
<td>A5</td>
</tr>
<tr>
<td>Vacuum inlet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male thread</td>
<td>A</td>
<td>A6</td>
</tr>
<tr>
<td>Female thread</td>
<td>B</td>
<td>B4</td>
</tr>
<tr>
<td>Male thread</td>
<td>B</td>
<td>B5</td>
</tr>
<tr>
<td>Female thread</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gasket (Single unit)</td>
<td>M5 x 0.8</td>
<td>10 pcs.*1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 pcs.*1</td>
</tr>
<tr>
<td></td>
<td>M6 x 1</td>
<td>10 pcs.*1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 pcs.*1</td>
</tr>
</tbody>
</table>

*1 The gasket (single unit) sales unit is shown.
Adapter Assembly: With One-touch Fitting, Vacuum Inlet Direction | Lateral | R Type/ZPR

### Product part no.

<table>
<thead>
<tr>
<th>Component parts</th>
<th>Male thread</th>
<th>Female thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZPR 1 U 2 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pad size</td>
<td>Connection thread (Male/Female thread)</td>
<td></td>
</tr>
<tr>
<td>Pad material</td>
<td>Vacuum inlet (One-touch fitting)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Symbol</th>
<th>Pad size symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2004 3507 4010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Adapter Assembly: With One-touch Fitting, Vacuum Inlet Direction</th>
<th>Lateral</th>
<th>R Type/ZPR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adapter (With gasket)</td>
<td>A6</td>
<td>ZPRS-04-A6</td>
</tr>
<tr>
<td>Adapter (With gasket)</td>
<td>A6</td>
<td>ZPRS-04-A6</td>
</tr>
<tr>
<td>Connection thread (Male/Female thread)</td>
<td>M6 x 1</td>
<td>ZPRS-04-A6</td>
</tr>
<tr>
<td>Vacuum inlet (One-touch fitting)</td>
<td>M6 x 1</td>
<td>ZPRS-04-A6</td>
</tr>
<tr>
<td>M4 x 0.7</td>
<td>B4</td>
<td>ZPRS-04-B4</td>
</tr>
<tr>
<td>M5 x 0.8</td>
<td>B5</td>
<td>ZPRS-04-B5</td>
</tr>
<tr>
<td>Male thread</td>
<td>M6 x 1</td>
<td>ZPRS-06-A6</td>
</tr>
<tr>
<td>Female thread</td>
<td>M6 x 1</td>
<td>ZPRS-06-B5</td>
</tr>
<tr>
<td>M4 x 0.7</td>
<td>B4</td>
<td>ZPRS-06-B5</td>
</tr>
<tr>
<td>M5 x 0.8</td>
<td>B5</td>
<td>ZPRS-06-B5</td>
</tr>
<tr>
<td>M5 x 0.8</td>
<td>A6</td>
<td>ZPRS-06-A5</td>
</tr>
<tr>
<td>M6 x 1</td>
<td>A6</td>
<td>ZPRS-06-A5</td>
</tr>
<tr>
<td>Gasket (Single unit)</td>
<td>NTJ-015A</td>
<td></td>
</tr>
<tr>
<td>Mounting nut (Single unit)</td>
<td>SNJ-006C</td>
<td></td>
</tr>
<tr>
<td>Pad mounting adapter</td>
<td>ZPT1-B5</td>
<td></td>
</tr>
<tr>
<td>Gasket (Single unit)</td>
<td>ZP-5G2</td>
<td></td>
</tr>
<tr>
<td>Gasket (Single unit)</td>
<td>M-5G2</td>
<td></td>
</tr>
</tbody>
</table>

*1 The gasket (single unit) sales unit is shown.
Oval Pad
Mounting Bracket Assembly  ZP Series

Adapter Assembly: With Barb Fitting, Vacuum Inlet Direction  Lateral  Y Type/ZPY

<table>
<thead>
<tr>
<th>Product part no.</th>
<th>ZPY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>U</td>
</tr>
<tr>
<td></td>
<td>□ -</td>
</tr>
<tr>
<td></td>
<td>② - 3</td>
</tr>
</tbody>
</table>

- **Pad size symbol**: ①
- **Connection thread (Male/Female thread)**: ②
- **Vacuum inlet (Barb fitting)**: ③

<table>
<thead>
<tr>
<th>Component parts</th>
<th>Male thread</th>
<th>Female thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pad size</td>
<td>Connection thread</td>
<td>Vacuum inlet</td>
</tr>
</tbody>
</table>

- **(With mounting nut)**

**Symbol**

- **A** Adapter
- **B** Mounting nut

**For ø4 nylon tubing**
- **N4**
  - Male thread: M5 x 0.8, M6 x 1
  - Female thread: M4 x 0.7, M5 x 0.8
  - Connection thread: M5 x 0.8
  - Vacuum inlet: M5 x 0.8

**For ø6 nylon tubing**
- **N6**
  - Male thread: M5 x 0.8, M6 x 1
  - Female thread: M4 x 0.7, M5 x 0.8
  - Connection thread: M5 x 0.8
  - Vacuum inlet: M5 x 0.8

**For ø4 soft tubing**
- **U4**
  - Male thread: M5 x 0.8, M6 x 1
  - Female thread: M4 x 0.7
  - Connection thread: M5 x 0.8

**For ø6 soft tubing**
- **U6**
  - Male thread: M5 x 0.8, M6 x 1
  - Female thread: M4 x 0.7
  - Connection thread: M5 x 0.8

**Mounting nut (Single unit)**
- M5 x 0.8: NTJ-015A
- M6 x 1: SNJ-006C

**Symbol**

- B Mounting nut

**Same for the ZP/Basic type**
## Buffer Assembly: Vacuum Inlet Direction  **Vertical** T Type/ZPT

### Component parts

<table>
<thead>
<tr>
<th>Product part no.</th>
<th>Symbol</th>
<th>Pad size symbol</th>
<th>Stroke</th>
<th>Buffer stroke</th>
<th>Vacuum inlet</th>
<th>Buffer stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZPT U (J/K) A8</td>
<td></td>
<td>2004 3507 4010</td>
<td>6</td>
<td>M3 x 0.5</td>
<td>B3</td>
<td>ZPB1(J/K)-B3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10</td>
<td>M5 x 0.8</td>
<td>B5</td>
<td>ZPB1(J/K)-B5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>15</td>
<td>ø4</td>
<td>04</td>
<td>ZPB1(J/K)-04</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>25</td>
<td>ø6</td>
<td>06</td>
<td>ZPB1(J/K)-06</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>For ø4 nylon tubing</td>
<td>N4</td>
<td>ZPB1(J/K)-N4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>For ø4 soft tubing</td>
<td>U4</td>
<td>ZPB1(J/K)-U4</td>
</tr>
<tr>
<td>Buffer plate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ZPB1</td>
</tr>
<tr>
<td>Mounting nut</td>
<td></td>
<td></td>
<td></td>
<td>M8 x 1</td>
<td></td>
<td>RB08J</td>
</tr>
</tbody>
</table>

**Buffer assembly part number example**

- **Product part no.** ZPT2004UN J10 - B5 - A8
- **Buffer assembly** ZPB1 J10 - B5

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**Oval Pad Mounting Bracket Assembly ZP Series**

- **Symbol** *Pad size symbol*
  - 2004
  - 3507
  - 4010
- **Buffer stroke**
  - 6
  - 10
  - 15
  - 25
- **Vacuum inlet**
  - M3 x 0.5
  - M5 x 0.8
- **Barb fitting**
  - ø4
  - ø6
- **One-touch fitting**
  - For ø4 nylon tubing
  - For ø4 soft tubing
- **Buffer plate (Single unit)**
  - ZPB1
- **Mounting nut (Single unit)**
  - M8 x 1

---

**Precautions**

- Same for the ZP/Basic type
- A: Buffer (With buffer plate)
- B: Buffer plate
- C: Mounting nut (With mounting nut)

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**Construction**

- ZP Series
- Selection
- Oval

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**Mounting Bracket Assembly**

- ZP2 Oval

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**SMC**

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Buffer Assembly: With One-touch Fitting, Vacuum Inlet Direction

**Buffer Assembly: With One-touch Fitting, Vacuum Inlet Direction**

**Product part no.**

<table>
<thead>
<tr>
<th>Component parts</th>
<th>Symbol</th>
<th>Pad size symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong> Buffer</td>
<td>2004</td>
<td>ZPB1 (J/K) 2</td>
</tr>
<tr>
<td><strong>A Buffer stroke</strong></td>
<td>ø4 04</td>
<td>ZPRS04-B5</td>
</tr>
<tr>
<td><strong>A Buffer stroke</strong></td>
<td>ø6 06</td>
<td>ZPRS06-B5</td>
</tr>
<tr>
<td><strong>B Buffer connection adapter (With gasket)</strong></td>
<td>10 pcs.*1</td>
<td>ZP-5G2</td>
</tr>
<tr>
<td><strong>C Pad mounting adapter</strong></td>
<td>100 pcs.*1</td>
<td>M-5G2</td>
</tr>
</tbody>
</table>

*1 The gasket (single unit) sales unit is shown.

[Buffer assembly part number example]

**Product part no.** ZPR3507UN **K** 15 04 - 04 - A8

**Buffer assembly** ZPB1 **K** 15

**Buffer stroke**
Buffer Assembly: With Barb Fitting, Vacuum Inlet Direction

### Product part no.

**ZPY**  
(1) U (J/K)  
2 - 3 - A8

- **Pad size**
- **Pad material**
- **Buffer stroke**

- **Vacuum inlet (Barb fitting)**

**Buffer**  
(With buffer plate)  
(With mounting nut)

**Mounting nut**

**Buffer plate**

**Same for the ZP/Basic type**

### Component parts

#### Product part no.

- **ZPY4010UF**
- **ZPB1**

### Pad size symbol

<table>
<thead>
<tr>
<th>Symbol</th>
<th>2004</th>
<th>3507</th>
<th>4010</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>10</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>15</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>25</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

#### Buffer (ZPB1(J/K))

- ZPB1
  - For ø4 nylon tubing: N4
  - For ø6 nylon tubing: N6
  - For ø4 soft tubing: U4
  - For ø6 soft tubing: U6

#### Mounting nut (Single unit)

- ZPB1
  - M8 x 1

### Precautions

- **Oval Pad Mounting Bracket Assembly**
- **ZP Series**

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**Buffer assembly part number example**

- **Product part no.** ZPY4010UF **K** 10 - 06 - A8
- **Buffer assembly** ZPB1 **K** 10

- **Buffer stroke**